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TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING

DATE: 03/06/2003

PATENT APPLICATION: US/09/284,180B

TIME: 11:39:12

Input Set : N:\Crf4\03042003\I284180A.raw

Output Set: N:\CRF4\03062003\I284180B.raw

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 2 KIKUCHI, Kaoru
 3 <120> TITLE OF INVENTION: NOVEL SEMAPHORIN GENE: SEMAPHORIN W
 4 <130> FILE REFERENCE: 0020-4546P
 5 <140> CURRENT APPLICATION NUMBER: US/09/284,180B
 6 <141> CURRENT FILING DATE: 1999-06-09
 7 <160> NUMBER OF SEQ ID NOS: 15
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P.6

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163           35              40              45
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165           50              55              60
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168      Thr Leu Tyr Val Gly Ala Arg Asp Ser Ile Phe Ala Leu Thr Leu Pro
169           85              90              95
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172      His Arg Gln Asn Cys Arg Lys Lys Gly Lys Lys Glu Asp Glu Cys His
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174      Asn Phe Ile Gln Ile Leu Ala Ile Val Asn Ala Ser His Leu Leu Thr
175           130             135             140
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179           165             170             175
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182      Tyr Thr Ala Thr Val Lys Asn Phe Leu Gly Thr Glu Pro Ile Ile Ser
183           195             200             205
184      Arg Ala Val Gly Arg Ala Glu Asp Trp Ile Arg Thr Glu Thr Leu Ser
185           210             215             220
186      Ser Trp Leu Asn Ala Pro Ala Phe Val Ala Ala Met Val Leu Ser Pro
187           225             230             235             240
188      Ala Glu Trp Gly Asp Glu Asp Gly Asp Asp Glu Ile Phe Phe Phe Phe
189           245             250             255
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202  Gln Asp Ile Arg Ala Val Leu Asn Gly Pro Phe Arg Glu Leu Lys His
203          355          360          365
204  Asp Cys Asn Arg Gly Leu Pro Val Met Asp Asn Glu Val Pro Gln Pro
205  370          375          380
206  Arg Pro Gly Glu Cys Ile Ala Asn Asn Met Lys Leu Gln Gln Phe Gly
207  385          390          395          400
208  Ser Ser Leu Ser Leu Pro Asp Arg Val Leu Thr Phe Ile Arg Asp His
209          405          410          415
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211          420          425          430
212  Val Thr Thr Asp Thr Ala Tyr Leu Arg Val Val Ala His Arg Val Thr
213  435          440          445
214  Ser Leu Ser Gly Lys Glu Tyr Asp Val Leu Tyr Leu Gly Thr Glu Asp
215  450          455          460
216  Gly His Leu His Arg Ala Val Arg Ile Gly Ala Gln Leu Ser Val Leu
217  465          470          475          480
218  Glu Asp Leu Ala Leu Phe Pro Glu Pro Gln Pro Val Glu Ser Met Lys
219          485          490          495
220  Leu Tyr His Asp Trp Leu Leu Val Gly Ser His Thr Glu Val Thr Gln
221          500          505          510
222  Val Asn Thr Ser Asn Cys Gly Arg Leu Gln Ser Cys Ser Glu Cys Ile
223  515          520          525
224  Leu Ala Gln Asp Pro Val Cys Ala Trp Ser Phe Arg Leu Asp Ala Cys
225  530          535          540
226  Val Ala His Ala Gly Glu His Arg Gly Met Val Gln Asp Ile Glu Ser
227  545          550          555          560
228  Ala Asp Val Ser Ser Leu Cys Pro Lys Glu Pro Gly Glu His Pro Val
229          565          570          575
230  Val Phe Glu Val Pro Val Ala Thr Val Gly His Val Val Leu Pro Cys
231          580          585          590
232  Ser Pro Ser Ser Ala Trp Ala Ser Cys Val Trp His Gln Pro Ser Gly
233  595          600          605
234  Val Thr Ala Leu Thr Pro Arg Asp Gly Leu Glu Val Val Val Thr
235  610          615          620
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237  625          630          635          640
238  Ala Arg Val Val Ala Ala Tyr Ser Leu Val Trp Gly Ser Gln Arg Gly
239          645          650          655
240  Pro Ser Asn Arg Ala His Thr Val Val Gly Ala Gly Leu Val Gly Phe
241          660          665          670
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 1,6
Seq#:15; N Pos. 63,269,285

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:8; Line(s) 460
Seq#:9; Line(s) 470